

Title (en)
EXHAUST-PRESSURE-OPERATED BALLOON CATHETER SYSTEM

Title (de)
ABGASDRUCKBETRIEBENES BALLONKATHETERSYSTEM

Title (fr)
SYSTEME DE CATHETER A BALLONNET EXPLOITE PAR PRESSION D'ECHAPPEMENT

Publication
EP 1959842 A4 20110119 (EN)

Application
EP 06844923 A 20061205

Priority
• US 2006046621 W 20061205
• US 29400605 A 20051205

Abstract (en)
[origin: WO2007067661A2] An exhaust-pressure-operated balloon catheter system which is a cross stream thrombectomy catheter, such as, but not limited to, an Angiojet® catheter with a flexible and expandable balloon, wherein the balloon is formed from and is continuous with the catheter tube which, in part, forms the cross stream thrombectomy catheter, wherein the balloon is deployable and expandable about the distal region of the cross stream thrombectomy catheter to act as an occluder device, and wherein the balloon is located proximal to the fluid jet emanator and inflow and outflow orifices upstream of ablative cross stream flows. The balloon is expandably deployed by the exhaust or back pressure created by the operation of the cross stream flows as generated by the fluid jets of the operating exhaust-pressure-operated balloon catheter system.

IPC 8 full level
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Citation (search report)
• [YA] US 2001051811 A1 20011213 - BONNETTE MICHAEL J [US], et al
• [YA] US 4535757 A 19850820 - WEBSTER JR WILTON W [US]
• [A] US 6676637 B1 20040113 - BONNETTE MICHAEL J [US], et al
• See references of WO 2007067661A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2007067661 A2 20070614; **WO 2007067661 A3 20090115**; CN 101484203 A 20090715; CN 101484203 B 20121226;
EP 1959842 A2 20080827; EP 1959842 A4 20110119; JP 2009518134 A 20090507; US 2009149807 A1 20090611; US 8162878 B2 20120424

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